

**ABSTRACT OF THE DISCLOSURE**

A rotation sensor functioning as both a rotation-angle sensor and a torque sensor is provided which, when applied to a steering sensor for an automobile, for example, permits reduction in the number of components and thus in the weight of the automobile and contributes to conservation of global environment. The rotation sensor has slip rings covered with conductive synthetic resin having small coefficient of friction, allowing the contact pressure of brushes disposed in sliding contact with the slip rings to be kept low and the life duration of the slip rings to be prolonged. Further, no metal powder is produced when the brushes slide on the respective slip rings, and it is therefore possible to prevent the formation of unwanted insulating film.